Remarks

This paper is submitted in response to the Notice to File Missing Parts mailed for the above-identified application October 20, 2003.

In that Notice it was stated that Figures 3 and 4 appeared to be omitted from the application. The Applicants do not contest this assertion. Accordingly, pursuant to the Notice, the Applicants herewith submit a Substitute Specification in which all reference to those Figures is deleted. The remaining Figures in this application, original Figures 5-8, have been renumbered as Figures 3-6, respectively.

The Applicant has further taken this opportunity to amend the claims to eliminate all references to any of the claims being in multiple dependent form. Accordingly, this amendment should be entered before the calculation of the filing fee for this application

Respectfully submitted,

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DSG\pcq

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Encl: Marked-Up Version of Preliminary Amended Specification
        Preliminary Substitute Specification
        Replacement Drawing Sheets (Figures 3, 4, 5 and 6)
        Postal Card

111.10/03

```
{
    return A[0]*B[0] + A[1]*B[1] + A[2]*B[2];
}
```

It should be noted that this technique is also useful for applications other than bump mapping which require reduced cost storage of unit vectors. The compression of vertex geometry, as described by Deering, is one such application.